

PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: Diane Stevenson 04/25/2013
(Name/Title) (Date)
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Site Name: South Cherokee Street Creek Site

Previous Names (if any): _____

Site Location: Dirt Road West of South Cherokee Street, South of Coody Creek
(Street)

Muskogee OK 74403
(City) (ST) (Zip)

Latitude: 35° 43' 31.2" N **Longitude:** 095° 22' 35.1" W

Complete the following checklist. If "yes" is marked, please explain below.

	YES	NO
1. Does the site already appear in CERCLIS?		◆
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures?		◆
3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?		◆
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?		◆
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)? This site was entered into the Indian Health Service (IHS) w/STARS (Web Sanitation Tracking and Reporting System) database after the site visit on October 25, 2012.		◆
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		◆
7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?		◆
8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, EPA approved risk assessment completed)?		◆

Please explain all "yes" answer(s), attach additional sheets if necessary: _____

Site Determination: Enter the site into CERCLIS. Further assessment is recommended (explain below).

◆ The site is not recommended for placement into CERCLIS (explain below).

9526962



DECISION/DISCUSSION/RATIONALE:

Information: The South Cherokee Street Creek Site is an abandoned warehouse located in the city of Muskogee, Muskogee County, Oklahoma. The site has been inactive for an undetermined amount of time. Jason White and Diane Stevenson visited the site during the site discovery process on January 30, 2013, but were unable to take photographs because the unimproved road was covered in water. Diane Stevenson reconnoitered the South Cherokee Street Creek Site and obtained photographs on March 28, 2013. The South Cherokee Street Creek Site lies within the Muskogee (Creek) Nation's jurisdictional boundary.

Location: The South Cherokee Street Creek Site encompasses approximately one half acre and is located west of South Cherokee Street, north of a salvage business, on an unnamed dirt road adjacent to Coody Creek on the north within the corporate limits of Muskogee, Muskogee County, Oklahoma. The site is possibly located in the flood plain of Coody Creek. The geographic coordinates of the site are 35 degrees, 43 minutes 31.2 seconds North Latitude and 95 degrees, 22 minutes 35.1 seconds West Longitude. The site is located in a mixed use area of Muskogee. Another business is located north of the site across Coody Creek. There is a Mobile Home Park east across South Cherokee Street from the site. The nearest residence is located approximately 110 feet east of the site, part of a multi-unit Mobile Home Community along Coody Creek. More housing is located approximately 650 feet south of the site, including Grandview Heights, a large residential neighborhood located approximately 3300 feet downstream of the site and adjacent to Coody Creek. There are two schools located within 1.2 miles from the site. The South Cherokee Street Creek Site has been inactive for an unknown length of time. Woody vegetation and vines have grown close to the building and along the fences surrounding the site.

The site is easily accessible from South Cherokee Street, via a dirt road along Coody Creek. There is a fence surrounding the South Cherokee Street Creek Site with locked gates marked with security service signs. There is a large gap in the north fence on the west side of the building and both gates are secured at one point with a chain and padlock. Coody Creek is located less than 50 feet north of the site along the unnamed dirt road, therefore the site may be in the Coody Creek flood plain. Evidence of dumping exists along the dirt road adjacent to the creek. Coody Creek drains 11.7 miles from the South Cherokee Street Creek Site to the Arkansas River, southeast of Muskogee, Oklahoma. There are five schools within 2.0 miles from the site, the nearest two are Hilddale School at 1.09 miles and Edison School at 1.18 miles from the site.

Site Description: The South Cherokee Street Creek Site is approximately one half acre in size and consists of numerous piles of one building, metal debris, rusted equipment, and wood debris. The building is located in the center of the site, with fenced yards on the east and west sides. The contents of the building are unknown.

File Review: The South Cherokee Street Creek Site does not appear to be on the CERCLIS Active or Archived site list, nor is it on the EPA's Enforcement and Compliance History Online (ECHO) database.

Ownership: Current ownership of the site is unknown.

Receptors: The primary pathway of concern is the surface water pathway. The surface water pathway is a concern due to the proximity of Coody Creek. The South Cherokee Street Creek Site is within the water district of the City of Muskogee, according to the Oklahoma Water Resources Board's (OWRB) 1998 Rural Water Systems in Oklahoma publication and OWRB's Water Information Mapping System (WIMS). OWRB's WIMS Floodplain Viewer indicates the site is in or near the floodplain of Coody Creek. OWRB's WIMS Reported Well Log Viewer indicated no water wells near the site. There are a number of monitoring wells in the area. There are two groundwater wells less than 1.6 miles from the site. The South Cherokee Street Creek Site is located in an area with few groundwater wells. Most residences and businesses in the area are connected to municipal water; therefore the groundwater pathway is not a concern. No known sources exist for an air pathway. The soil pathway is a secondary concern because there are residences within 200 feet of the site.

Site Summary: The South Cherokee Street Creek site is an abandoned building located in the City of Muskogee, Muskogee County, Oklahoma. The half-acre site is located within the jurisdictional boundary of the Muscogee (Creek) Nation. The primary pathway of concern is the surface water pathway.

Recommendation: ITEC does not recommend further investigation of this site under CERCLA due to the limited exposure in the soil and surface water pathways. The site does not appear to present an immediate or substantial threat to human health or the environment.

Regional EPA Reviewer:

Patricia Tucker
Print Name/Signature

Date

State Agency/Tribe: Diane Stevenson

Print Name/Signature

Diane Stevenson

Date

4/25/13

SOUTH CHEROKEE STREET CREEK SITE

PHOTO DOCUMENTATION



Page 1 of 4

PRE-CERCLIS

Photo # 1

Photographer/Witness:

Date:

Time:

Direction

Diane Stevenson

03/28/2013

01:15 pm

South

Comments: View of site showing metal, plastic, woody debris, and rusted machinery behind north gate on east side of building. Note bent gate and wood pile outside gate. Metal building in background is part of adjacent business.



Page # 1 of 4

PRE-CERCLIS

Photo # 2

Photographer/Witness

Date

Time

Direction

Diane Stevenson

03/28/2013

01:16 pm

East

Comments: View showing wood pile on right and residence on left side behind evergreen hedge east of site and South Cherokee Street. Coody Creek is immediately left of photo.

SOUTH CHEROKEE STREET CREEK SITE

PHOTO DOCUMENTATION



Page # 2 of 4

PRE-CERCLIS

Photo # 3

Photographer/Witness

Date

Time

Direction

Diane Stevenson

03/28/2013

01:16 pm

South

Comments: View of building, showing woody and vining vegetation growing through fence and up the side of building. Note various piles of debris behind fence. Contents of building are unknown.



Page # 2 of 4

PRE-CERCLIS

Photo # 4

Photographer/Witness

Date

Time

Direction

Diane Stevenson

03/28/2013

01:16 pm

South

Comments: View showing large gap in fencing and woody vegetation on west side of building.

SOUTH CHEROKEE STREET CREEK SITE

PHOTO DOCUMENTATION



Page 3 of 4

PRE-CERCLIS

Photo # 5

Photographer/Witness:

Date:

Time:

Direction:

Diane Stevenson

03/28/2013

01:16 pm

South

Comments: View of gate on west side of building, overgrown vegetation, and various pieces of debris in background. Security sign on gate warns trespassers.



Page # 3 of 4

PRE-CERCLIS

Photo # 6

Photographer/Witness

Date

Time

Direction

Diane Stevenson

03/28/2013

01:18 pm

West

Comments: View looking west showing unimproved road on flood plain on left and Coody Creek riparian vegetation to right. Note tree branches carelessly pushed against tree trunks.

SOUTH CHEROKEE STREET CREEK SITE

PHOTO DOCUMENTATION



Page 4 of 4

PRE-CERCLIS

Photo # 7

Photographer/Witness:

Date:

Time:

Direction:

Diane Stevenson

03/28/2013

01:19 pm

North

Comments: View of South Cherokee Street Bridge over Coody Creek immediately north of site. Note trash among tree branches pushed off dirt road.



Page 4 of 4

PRE-CERCLIS

Photo # 8

Photographer/Witness:

Date:

Time:

Direction:

Diane Stevenson

03/28/2013

01:20 pm

West

Comments: View from Mobile Home Park across South Cherokee Street showing descent of hill from left to right with salvage business on left. Site is behind newly constructed white metal fence on right. Large natural gas main is immediately left of white fence.